

PROFILE SUMMARY

Innovative and goal-oriented mechanical engineering student with a passion for design, manufacturing, and real-world problem-solving. Served as the Membership Lead of ASME, actively involved in organizing technical events, workshops, team projects, and engineering initiatives that foster creativity and collaboration. Skilled in CAD tools, prototyping, and mechanical systems, with a strong foundation in core engineering principles. Known for a hands-on mindset, effective communication, and a commitment to continuous improvement in both technical and leadership capacities.

EDUCATION

KLS GOGTE INSTITUTE OF TECHNOLOGY, BELGAVI, KARNATAKA

BE in Mechanical Engineering
2023-2027
CGPA:9.26

PRERANA PU COLLEGE, HINDWADI, BELGAVI

Pre University Course (PUC), Science
(2017 - 2019)
PERCENTAGE:90.67%

LOVE DALE CENTRAL SCHOOL, BELGAVI

(2008 - 2021)
PERCENTAGE:84.4%

AREAS OF EXPERTISE

- **Fusion 360:**
Skilled in using Fusion 360 for parametric 3D modelling, assemblies and analysis.
- **CATIA:**
Proficient in CATIA for creating detailed part models, assemblies and technical drawings aligned with industry standards.
- **CAD:**
Experienced in computer-aided design (CAD) with a strong grasp of sketching, dimensioning, and producing accurate engineering drawings.
- **Programming language:** C, Python

CERTIFICATION

- Fundamentals of Artificial Intelligence - NPTEL
- Introduction to IoT - NPTEL
- Robotics
- Gen- AI

TECHNICAL AND SKILL DEVELOPMENT

- Secured 3rd Place in Design Mania – Speed Modelling competition organized by the ASME Club of KLS GIT.
- Completed hands on training in CNC machine operations and basic programming. Gained practical experience with FANUC robot control systems, including robot teaching, path setup, and safety protocols.
- Competed in the Avalanche Technical Treasure Hunt, showcasing strong problem-solving abilities and teamwork in a competitive, tech-driven environment.
- Undertook Robotics Skill Lab training, developing practical skills in robot assembly, control systems, and real-time operation of robotic mechanisms.
- Organized and managed a Paper Presentation event for the Mechanical Department during AVALANCHE National Technical Fest, handling abstract review, scheduling, and session moderation.
- Coordinated and hosted a national-level Robo Sumo competition (EFx – KLS GIT) under ASME, overseeing event planning, participant coordination, and seamless execution.

INTERNSHIP

BELGAUM FERROCAST (INDIA) PVT. LTD., MACHHE (JULY 2025-AUGUST 2025)

- Completed internship at **Belgaum Ferrocast Pvt. Ltd.**, Machhe, gaining hands-on experience in foundry operations, moulding, and casting processes.
- Developed an Excel-based system to track shift-wise machine efficiency, enabling performance monitoring and supporting data-driven decision-making.

COURSE WORK PROJECT

- Conducted biodiesel synthesis from used cooking oil in a laboratory, following transesterification procedures to produce a viable fuel sample. Verified the success of the reaction through combustion testing, demonstrating its potential as an alternative energy source.
- Ongoing Project – Copper-Coated Lattice Structure: Designing and developing lightweight 3D-printed lattice structures with copper coating, focusing on structural optimization, fabrication, and enhanced electrical conductivity.

SOCIAL WORK AND LEADERSHIP

- Donated sanitary pads to support women's health and hygiene.
- Donated worm tablets to promote health and well-being in underserved communities.
- Contributed food to the needy, ensuring support for those facing food insecurity.